DEPARTMENT OF THE INTERIOR SOUTHEAST DOTY MOUNTAIN QUADRANGLE WYOMING-CARBON CO. **GEOLOGICAL SURVEY** 167°37′30′ 41°22′30″ [ 7.5 MINUTE SERIES (TOPOGRAPHIC) R.91 W. R.90 W. 32'30" 107°30′ 41°22′30″ 0 440 12 10 11 10 o 453 NOTE: Overburden isopachs and mining ratio contours are not drawn beyond dotted lines because of insufficient data. o 444 19 23 22 o<sup>673</sup> 25 30 T.16 N. T.15 N. Base from U.S. Geological Survey, 1957 SCALE 1:24 000 Compiled in 1979 5 0 WYOMING QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE SOUTHEAST QUARTER OF THE DOTY
MOUNTAIN 15-MINUTE QUADRANGLE, CARBON COUNTY, WYOMING
BY
DAMES & MOORE

1979

OPEN FILE REPORT 79-1032

PLATE 6 OF 28
EXPLANATION

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval 100 feet (31 m) over strippable coal and 200 feet (61 m) beyond the stripping-limit line.

O 319

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

R[1] - Robertson [1]

COAL BED SYMBOL AND NAME - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Dashed where inferred; short dashed where inferred by present authors.

TRACE OF FAULT - Bar and ball on downthrown side. Dashed where inferred or approximately located.

To convert feet to meters, multiply feet by 0.3048.

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

PLATE 6

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE ROBERTSON [I] COAL BED

**UNITED STATES**